
 PLAN OF OPERATIONS
 FOR MINING ACTIVITIES
 ON NATIONAL FOREST LANDS

07-01-93-01

Submitted by Mitchell O. DeHannanti Owner 8-13-90
 Signature Title Date

Plan Received by William C. [unclear] Forester 8/13/90
 Signature Title Date

I. GENERAL INFORMATION

- A. Name of Mine/Project Mill Creek no 3 NE 1/4 sec 11 T-41S R-15W
- B. Type of Operation Lode
 (lode, placer, mill, exploration, development, production, other)
- C. Is this a (new/continuing) operation? (CIRCLE ONE)
 If continuing a previous operation, this plan (replaces/modifies) a previous plan of operation. (CIRCLE ONE)
- D. Proposed start-up date of operation 8-14-90
- E. Proposed duration of operations Unknown
- F. Proposed seasonal reclamation close-out date _____

II. PRINCIPALS

- A. Name, address and phone number of operator Mitchell O. DeHannanti
607 Western View Drive
Cedar City, UT 84720 801-586-4684
- B. Name, address, and phone number of authorized field representative (if other than the operator). Attach authorization to act on behalf of operator.

- C. List the owners of the claims (if other than the operator)

- D. List name and address of any other lessees, assigns, agents, etc. and briefly describe their involvement with the operation, if applicable:

III. PROPERTY OR AREA

Name of claim and the legal land description where the operation will be conducted.

MMC #	Name	Section	Township	Range
291833	Mill Creek No. 3	NE 1/4 Sec 11	41-S	15-W

IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries and describe and show on the map all access needs, on and off the claim. Specify what Forest Service existing roads will be used, where maintenance or reconstruction is proposed and where any new construction is necessary. For new construction, include construction specifications such as widths, grades, etc. Show location and size of culverts. Describe maintenance plans. Describe the type and sizes of vehicles and equipment that will be traveling the access routes.

No new Access Roads. Reg Semi-Truck with Lowboy Trailer will drive on existing Forest Service Road 2-3 times yearly

- B. **Attach map, sketch or drawing** showing location and layout of the area of operation. Include names and locations of any streams, creeks, and springs. Describe and explain on the map the type of operation, method or techniques you propose (examples: drilling, open pit mining, dredging, milling, etc.; include locations, capacity, size, amount, etc.). Show on the map and describe below the size and kind of all surface disturbance, such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

Open Pit mining at a dept of 10-12 feet will cover as much waste as possible with topsoil. No new roads are needed waste amounts at site will be less than 10 tons per year of Native Rock in small pcs

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

- C. **Project Description.** Describe all aspects of the operation: how clearing will be accomplished, topsoil stockpiled, waste rock placed, tailing disposed of, etc. Calculate production rates and total volumes of waste rock and ore. Include justification and calculations for settling pond capacities and sizing of runoff diversion channels.

1. For first 12 months:

Open Pit Mining on hillside. It involves cutting away existing Clay bank at a rate of not more than 10ft per year. To expose Large Gypsum Boulder. We hope to mine 30 to 40 tons of Material per year and produce no more than 10 tons of Scrap Gypsum Rock to be recovered with topsoil we plan to leave all runoff as is with no disturbance. ~~Recovery~~

2. For total life of project:

Continuation of the above we don't feel that any major impact to the area will take place in the next 20 years due to the small scale of our operation. The existing Forest Service Road will not be impacted by this mine.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

- D. **Describe the Equipment and Vehicles** you propose to use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

The operation will most generally use a one man
one 3/4 ton pickup operation with larger equipment
such as Track-Hoe and Bulldozers on sight no more
than 2-3 days annually

- E. **Structures.** Describe and include justification for the structures or facilities planned for the operation. Include such things as storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipe lines, water diversions, trailers, sanitation facilities, etc. Include justification and calculations for sizing of tanks, pipelines and water diversions. The fuel storage facilities should include containment structures that will hold the volume of the largest storage tank in case of a tank failure or leak. Show the locations on the sketch map.

No Structures are planned or needed

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. **Air Quality.** Describe measures to be taken to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

This project will not effect Air Quality
dust will be minimal

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

B. **Water Quality.** State how applicable state and federal water quality standards will be met. Describe what measures or management practices will be used to minimize water quality impacts and meet applicable standards.

1. If water is to be used in the operation (processing ore, washing ore, solution make-up, etc.) state how the water will be stored, treated and disposed of. If ponds of any type are proposed, such as for storage or settling, state how they will be designed and built. Provide storage capacities and water balance calculations. State how ponds will be maintained on an annual basis.
2. Describe methods to control runoff and erosion to prevent entry into surface water for all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
4. Describe what measures will be used to minimize potential water quality impacts during winter closure, if applicable.
5. If land application is proposed for wastewater disposal, the location and operation of the land application system should be described.

No water is used in this operation, runoff will not be impacted as the nature of the site allows us to leave existing runoff undisturbed.

C. **Solid Wastes.** State how any tailing, dumpage, or other waste produced by operations will be disposed of or treated so as to minimize adverse impacts. Include a statement that all unburnable garbage and refuse will be hauled off-Forest to a sanitary landfill.

We will produce no solid waste as defined above.

D. **Scenic Values.** State how scenic values will be protected. Examples are screening, slash disposal, timely reclamation, etc.

We wish to minimize the scenic impact on the area because we do not wish to attract attention to our mine, existing scraps of gypsum will be covered and resurfaced to match existing area.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

- E. **Fish and Wildlife.** All practicable measures to maintain and protect fisheries and wildlife habitat affected by the operations must be taken, and should be defined. Most of those measures involve avoidance of critical habitat such as along streams and bogs when planning roads, dumps, etc. Opportunities during reclamation to prevent erosion or plant browse or forage species should be described.

this should not impact fish and wildlife habitat other than the removal of some browse for deer which will be replanted at the close of this project

- F. **Cultural Resources.** Describe procedures for protection of historic and archeological values. The Forest Service is responsible for insuring that the area to be covered by the operating plan is inventoried prior to plan approval to determine the presence of significant cultural resources and will specify protective and/or mitigation measures to be taken by the operator. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, the operator shall not proceed until he is notified by the District Ranger that he has complied with provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800.

we will comply with all regulations should any archeological artifacts be uncovered at the site there are no known sites in this region presently

- G. List all hazardous substances (by name and quantity required) which you intend to use or generate during the proposed operation. Operations USING or GENERATING HAZARDOUS SUBSTANCES must attach copies of other Federal and State agency permits, including all stipulations and conditions pertaining to the permit.

We use no hazardous substance in our operation other than fuel for the machines and trucks there will be no fuel stored on site.

- H. With regard to hazardous substances, discuss handling, storage, security (fencing), identification (signing), or other special operations requirements necessary to conduct the proposed operation.

NO hazardous handling, storage or security necessary

- I. **Close-out Reclamation.** This section should describe the removal of structures and facilities, and the reclamation of the access road. It should specify that roads no longer needed: (1) be closed, (2) bridges and culverts be removed, (3) cross drains, dips, or water bars be constructed, and (4) the road surface be shaped to as near a natural contour as practicable and be stabilized. Show the expected date for completion of all reclamation.

When we close this out we will cover existing road into Quarry resurface the area and replant native grasses and shrubs

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

- A. Recommended Changes/Modifications for Plan of Operations: _____

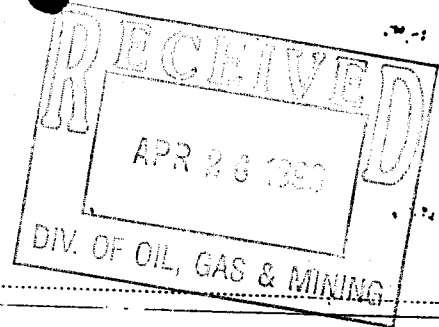
see addendum to plan of operations

- B. **Bond** - As a further guarantee of faithful performance with the reclamation requirements agreed upon in the plan of operations, the operator delivers herewith and agrees to maintain a surety bond, cash, bond, irrevocable letters of credit in the sum of one thousand (\$ 1,000.00).

ACKNOWLEDGEMENTS

- A. It is understood that should the nature of the operation change a modified or supplemental plan of operations may be required.
- B. It is understood that approval of this plan of operations does not constitute: (1) Certification of ownership to any person named herein; and (2) Recognition of the validity of any mining claim named herein.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)



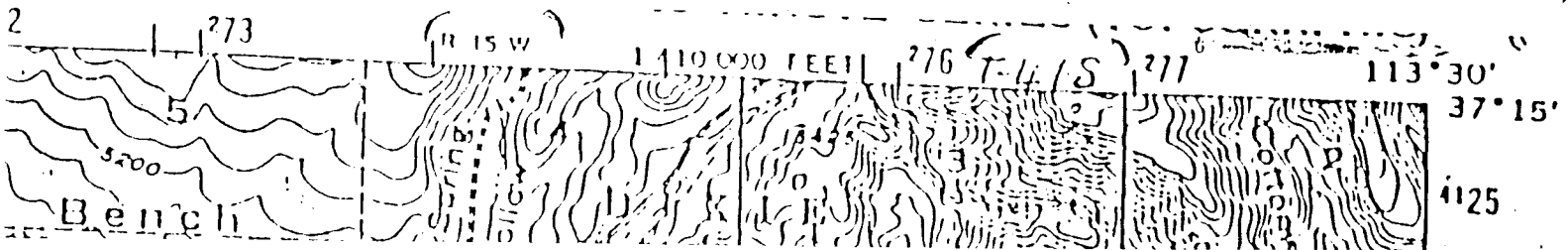
NOTICE OF LOCATION, LODE MINING CLAIM

Notice is hereby given that the undersigned, having complied with Section 2324 of the Revised Statutes of the U. S. the laws of the State of Utah, and the local laws, customs and regulations of this district have located 1500 feet in length by 1000 in width on this the Mill Creek No. 3 lode, vein deposit, bearing Gold, Silver, Lead, Copper and other valuable metals, situated in Silver Reef Mining District, Washington County, State of Utah, and claim 1490 linear feet along the course of the vein in a south direction from discovery point, and 10 linear feet along the course of the vein in a north direction from discovery point, and 300 feet in width on the east side of the center of the vein and 300 feet in width on the west side of the center of the vein, the general course of said vein being north and south and the location being described and marked as follows: Township 41 South Range 12 West Section NE 1/4 11
Salt Lake Base Meridian
 The name of the mining claim above described is Mill Creek No. 3 Located this 9 day of May 1908

LOCATORS

Eugene Hodges
Frank Gonzales

P.O. 1124 St. George
8477



Hollow

Co

Biller

75012

2/2/88

15

ADDENDUM TO PLAN OF OPERATIONS FOR MILL CREEK #3 CLAIM, PLAN OF OPERATIONS

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

The following Quality Assurance Plan is also attached and made part of the Plan of Operations.

CATEGORIES & SUB-CATEGORIES FROM 36 CFR 228

1. Air Quality
No burning of refuse or slash will be allowed.
2. Water Quality
No water is present on the claim.
3. Solid Wastes
Non-Mining wastes
Garbage/Refuse
Will be removed from the claim and disposed of in a State approved landfill or by a State Liscensed waste disposal service such as Laidlaw.
Sewage
Adequate sanitation facilities will be provided by the claimant that will meet all State and Federal laws.
Vegetation
Vegetation is defined as Pinyon trees, Juniper trees and various woody brush species. Vegetation removed as part of the operation will be stockpiled adjacent to the topsoil. When the topsoil is spread over the reclaimed areas and the seed has been sown the slash will be spread over the reclaimed area and lopped to within one foot of the soil surface.
Mining Wastes
Mining waste is defined as the overburden or soil that needs to be removed to access the alabaster. All mining waste will be stockpiled on the claim and replaced when the alabaster is removed. The topsoil, which is to be stockpiled seperately will then be placed on the replaced overburden.
4. Scenic Values
Scenic values will be adequately protected by the other provisions of the Plan of Operations. There will be no structures on the claim.
5. Protection of Fish and Wildlife Habitat
Fish and Wildlife habitat will be adequately protected if the other provisions of the Plan of Operations are adhered to.
6. Roads
There one access road to the Claim. The use of the road specified in the Plan of Operations will not result in needs for the claimant to maintain the access road. If in the future the scope of operations changes from what is planned then this part of the addendum to the plan of operations will need to be reexamined.

7. Reclamation (Concurrent, Interim and Final)

Control of Erosion (Sedimentation & Landslides)

Mining waste and topsoil will be placed such that it will not wash or slide into the draws on the south and east side of the claim. Erosion from the roads will not be a factor unless the scope of the operation changes.

Control of Water Run-off

When the area is reclaimed erosion control structures such as waterbars will be installed to control the movement of water. The number and placement of such structures will be agreed on during the periodic inspections and will be completed yearly prior to seasonal shutdown.

Control of Toxic Materials

There will be no toxic materials used in the mining process. Crankcase oil will be collected in containers, removed from the site and disposed of in conformance with all applicable laws and regulations. Accidental spills of fuels, lube oils and greases will be removed from the site along with the contaminated soil and disposed of in conformance with all applicable laws and regulations.

Re-shape Disturbed Areas

Roads

When the access roads are no longer needed the methods to obliterate them will be agreed upon during the periodic inspections.

Pits and Ponds

There will be no pits and ponds on the site.

Dumps

There will be no dumps on the claim.

Facility Areas

There will be no constructed facilities on the claim.

Revegetate Disturbed Areas

Topsoil (Inventory, Salvage, & Stockpile)

Topsoil will be salvaged and stockpiled separate from the overburden. The topsoil will be spread on the overburden after it is replaced when mining operations are complete.

Roads

This is covered in the roads section above.

Dumps

None

Facility Areas

None

Other Disturbed Areas Where Feasible

None

8. Rehabilitation of Fish and Wildlife Habitat

Not applicable under this Plan of Operations.

9. Other State & Federal Permits Required

None known under this Plan of Operations

10. Safety

The claimant will follow all applicable State and Federal laws and regulations. It will be the responsibility of the claimant to

adequately sign the claim and roads used for hauling to inform the public of the hazards. Signs used on the roads will comply with UDOT standards.

The following management requirements and constraints were developed during the Environmental Analysis for this project and are attached to the Plan of Operations.

All topsoil from areas to be disturbed be will be stockpiled for reclamation efforts;

Seed all disturbed areas after the topsoil has been replaced to reduce potential erosion (Seed mix to be used is attached)

If changes in the Plan of Operations are submitted these changes must be approved and bonding be ammended appropriately before changes in the operations may take place.

FOREST SERVICE RECOMMENDED SEED MIX FOR REVEGETATION

SPECIES	VARIETY	COMMON NAME	PLS / ACRE
SANGUISORBA MINOR	VNS	SMALL BURNETT	2
ORYZOPSIS HYMENOIDES	NEZPAR	INDIAN RICEGRASS	2
AGROPYRON TRICHOPHORUM	LUNA	INTERMEDIATE WHEATGRASS	4
ATRIPLEX CANESCENS	VNS	4 WING SALT BUSH	2
LINUM LEWISII	APPAR	LEWIS FLAX	1
DACTYLIS GLOMERATA	PIUTE	DRYLAND ORCHARDGRASS	1
LOTUS CORNICULATUS	VNS	BIRDSFOOT TREFOIL	4
AGROPYRON CRISTATUM	EPHRAIM	CRESTED WHEATGRASS	1
AGROPYRON INERME	OAHE	BLUEBUNCH WHEATGRASS	1
PURSHIA TRIDENTATA	VNS	ANTELOPE BITTERBRUSH	2
		TOTAL	20 LBS PURE LIVE SEED PER ACRE

The Forest Service also recommends this reclamation treatment:

1. Drill the seed. If its is not feasible to drill the seed double the seed application rate for broadcast seeding.
2. Apply fertilizer, ammonium phosphate with sulfur (16-20-0-13), at the rate of 200 lbs per acre after the seed is drilled.
3. Spread approximately 1 inch of straw mulch on all areas seeded.

- C. It is understood that a bond equivalent to the actual cost of performing the agreed upon mitigation and reclamation measures may be required before this plan can be approved.
- D. It is understood that approval of this plan does not relieve me of my responsibility to comply with any other applicable State or Federal laws, rules or regulations.
- E. It is understood that any information provided with this plan that is marked confidential will be treated by the agency in accordance with that agency's laws, rules and regulations.

I/We have reviewed and agree to comply with all conditions in this plan of operations, including the recommended changes and reclamation requirements. I/We understand that the bond will not be released until the Forest Officer in charge gives written approval of the reclamation work.



Operator (or Authorized Official)

8-19-93

(Date)

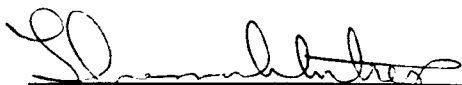
OPERATING PLAN APPROVAL:

Thomas A. Contreras

(Name)

District Ranger

(Title)



(Authorized Officer)

8/17/93

(Date)

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, Room 404-W, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB #0596-0022), Washington, D.C. 20503.

United States
Department of
Agriculture

Forest
Service

Pine Valley Ranger District
P.O. Box 2288,
St. George, UT 84771-2288

Reply to: 1950
2670

Date: August 19, 1993

Subject: Mill Creek No. 3 Mining Claim

To: District Ranger

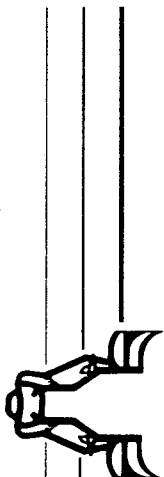
The Mill Creek No. #3 Mining Claim is approximately 1 acre in size and will remain less than 2 acres in size for many years at the present level of production. It is estimated the mine expands about 10 feet per year. This alabaster mine is an on going project and the elevation is approximately 4,723 feet. The surrounding vegetation consists of Pinyon, juniper, and sagebrush.

The Threatened, Endangered, Sensitive or proposed species (TEPS) list for the Dixie National Forest was consulted. No known Threatened, Endangered, Sensitive or proposed for listing plant or animal species are known to exist on or near the project site. This project will have no effect on TEPS species.

Randall L. Russell

Randall L. Russell
Range Conservationist

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Ivomec®
(ivermectin)
Alabaster Mine
on going project
no effect MSD - exp. site boundary
from Rodriguez on 8/17/93

MESSAGE DISPLAY FOR WILLIAM C. HIPPI

To B.HIPP:R04F07D01A

From: Thomas R. Abbay:R04A

Postmark: Aug 12,93 9:36

Delivered: Aug 12,93 9:33

Status: Previously read Filed

Subject: Alabaster

Message:

Bill - After some thought, we've decided to treat the alabaster (if used as a stone to be sculpted), as a locatable mineral subject to disposal under our 228 Subpart A regulations. If the stone is used for decorative/landscaping purposes it would be considered salable under the 228 Subpart C regulations.

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Pine Valley Ranger District
P.O. Box 2288,
St. George, UT 84771-2288

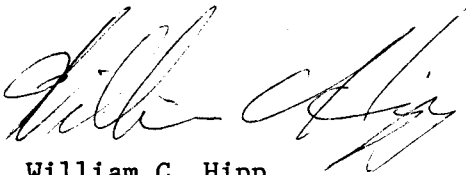
Reply to: 2810 Mining Claims

Date: August 16, 1993

Subject: Bond for Mill Creek #3

To: Thomas A. Contreras
District Ranger

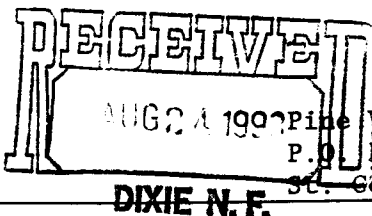
I have examined the work done to date on the ground. Based upon the work done to date and the schedule of work proposed in the Operating Plan the bond of \$1000 that presently exists is sufficient until there is a change in the Operating Plan.

A handwritten signature in cursive script, appearing to read "William C. Hipp".

William C. Hipp
Resource Officer

United States
Department of
Agriculture

Forest
Service



Pine Valley Ranger District
P.O. Box 2288,
St. George, UT 84771-2288

Reply to: 2810 Minerals

Date: August 20, 1993

Subject: Eugene Hodges Mill Creek #3

To: Forest Supervisor
Attn: John Shochat

Mr. Hodges has sold this claim to Mr. Mitchell Dettamanti. The \$1,000 cash bond he had, that the Dixie is holding, for the reclamation of this claim has been transferred to Mr. Dettamanti for his further work on this claim. This bond transfer was at their request.

Please close the file on Eugene Hodges Mill Creek #3 claim for alabaster. The new file is Mr. Mitchell Dettamanti Mill Creek #3.

Thank You

A handwritten signature in cursive script, appearing to read "William A. Contreras".

For THOMAS A. CONTRERAS
District Ranger

A small, handwritten mark or signature at the bottom left of the page, possibly initials.

United States
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Service

Pine Valley Ranger District
P.O. Box 2288,
St. George, UT 84771-2288

Reply to: 2810 Mining Claims
1950 NEPA

Date: August 16, 1993

Subject: CE for Mill Creek #3

To: Forest Supervisor
Attn: John Shochat

I have reviewed the Catagorical Exclusion (CE) for this project. The original CE was completed and signed by Rance Rollins on March 8, 1988. You concurred with the analysis on March 31, 1988.

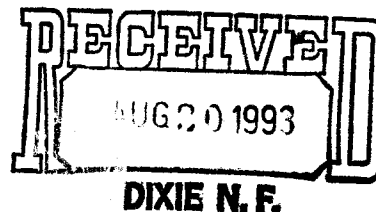
There has been no material change in the scope of the project or the effects of the project as analysed in the CE.

The proposed mine would still qualify for a CE under 1909.15.31.2-3 g. This section refers to continuation of minor uses of National Forest System lands that require less than five contiguous acres. The mine is approximately one acre in size and will remain under two acres in size for many years at the present level of production.

This project is in conformance with all Forest Plan Standards and Guides for the area. This project is in conformance with the management direction for the area that the mine is located in. The mine is located in Management Area 5A - Big Game Winter Range (Non-Forest).



THOMAS A. CONTRERAS
District Ranger



RECLAMATION PERFORMANCE BOND

(Minerals Operating Plan and/or Exploration Permit, Including Geothermal)

(Reference FSM 6506)

INSTRUCTIONS: (1) This form is authorized for use whenever a Performance Bond is required in connection with National Forest Reclamation Activity. (2) The full legal name and business address of the Principal shall be inserted in the space designated 'Principal' on the face of this form. The bond shall be signed by an authorized person. Where such person is signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of his authority must be furnished. (3) Corporations executing the bond as sureties must be among those appearing on the Treasury Department's list of approved sureties and must be acting within the limitations set forth therein. (4) Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the work 'Seal', and, if executed in Maine or New Hampshire, shall also affix an adhesive seal. (5) The name of each person signing this bond should be typed in the space provided.

Principal (Legal name and business address)

Mitchell O. Dettamanti
60 Western View Drive
Cedar City, Utah 84720

Date Bond Executed

8-19-93

Type of Organization (X Appropriate Box)

☒ Individual☐ Partnership☐ Joint Venture☐ Corporation

Surety(ies) (Name(s) and business address(es))

"In lieu of surety(ies), hereon, I/We the undersigned principal(s) hereby deposit the penal amount of this bond in the sum of one thousand \$1,000.00 cash. Said deposit is pledged as security for the performance and fulfillment of the permit designated hereon."

State of Incorporation

PENAL SUM OF BOND

Million(s) \$	Thousand(s) \$	Hundred(s) \$
	1	000.00

KNOW ALL MEN BY THESE PRESENTS, That we, the Principal and Surety(ies) hereto, are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum for the payment of which we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally: Provided, That, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum 'jointly and severally' as well as 'severally' only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

SCHEDULE OF OPERATING PLANS - REGION _____

Name of National Forest	Operating Plan Number	Date	Amount Allocated to Operating Plan (\$)	Amount of Allocated Restored (\$)	Date Restored	Unallocated Balance (\$)
Dixie National Forest	Mill Creek #3		\$1,000.00			